

- 9. (New) A piezoceramic actuator comprising:
a monolithic stack of thin piezoceramic films; and
internal electrodes arranged between the films, the internal electrodes being electrically interconnected on outer sides of the stack to form at least two electrode groups electrically separated from one another, the internal electrodes each having a rail-like extension in a region of the outer side of the stack;
wherein each rail-like extension has one of electrochemically deposited nickel-alloy and nickel.
10. (New) The actuator according to claim 9, wherein each rail-like extension is made of nickel-alloy layer and a gold layer.
11. (New) The piezoceramic actuator according to claim 9, wherein each rail-like extension has one of electrolytically deposited nickel-alloy and nickel.
12. (New) The actuator according to claim 11, wherein each rail-like extension is made of nickel-alloy layer and an adjacent gold layer.
13. (New) A method for manufacturing a piezoceramic actuator having a monolithic stack of thin piezoceramic films and internal electrodes arranged between the films, the method comprising the steps of:
arranging the internal electrodes among the stack of piezoceramic films to form the monolithic stack;
connecting the internal electrodes as the cathode;
electrochemically depositing one of nickel and nickel-alloy to form rail-like extensions on the internal electrodes in a region of the outer side of the monolithic stack.
14. (New) The method according to claim 17, further comprising the step of:
electrochemically depositing gold to form the rail-like extensions.--